

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: MS-belysning

Supplier's address: AS Metall-Service/MS-belysning, Gardermovegen 95 B, 2030 NANNESTAD, NO

Model identifier: 9400802310

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	G9		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes

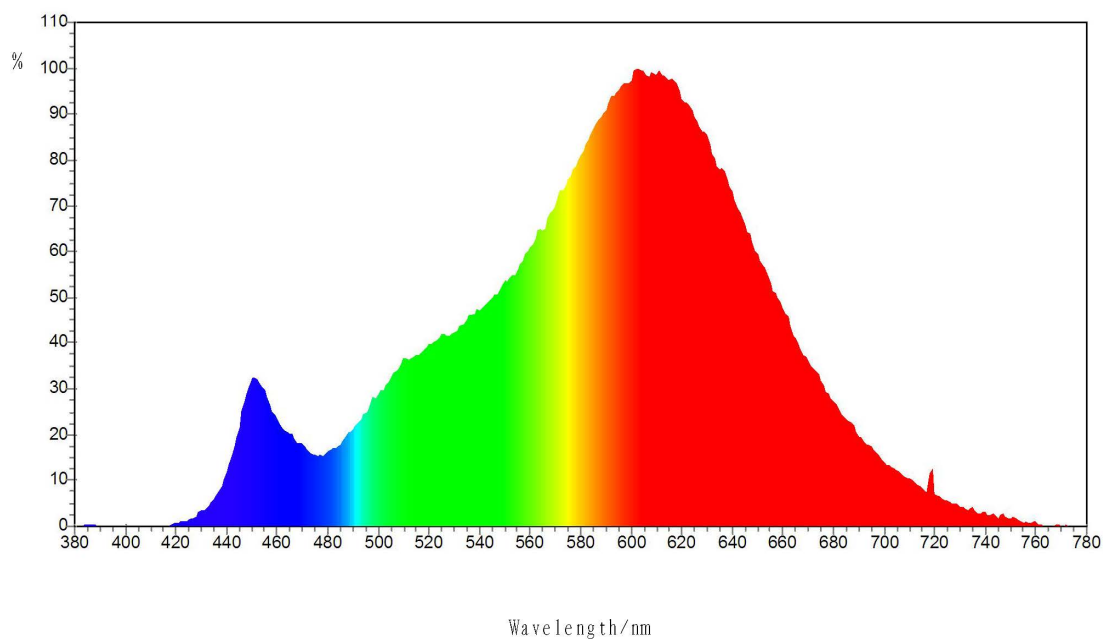
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	4	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	420 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	2 700
On-mode power (P_{on}), expressed in W	4,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	40	
		Chromaticity coordinates (x and y)	0,463 0,418	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	80	Survival factor	0,85	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,50	Colour consistency in McAdam ellipses	5	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	0,9	

(a) '-': not applicable;

(b) '-': not applicable;



Spectrum Parameters

x: 0.4634 y: 0.4185

u: 0.2612 v: 0.3539

WD: 583.3 nm WP: 602.1 nm

HW: 114.0 nm Purity: 0.647

CCT: 2711 K Ra: 82.3

SDCM: 3.93 DUV: 0.0026

色比: R%: 46.9 G%: 42.7 B%: 10.4

Kred 22.14% Kgreen 75.17% Kblue 2.69%

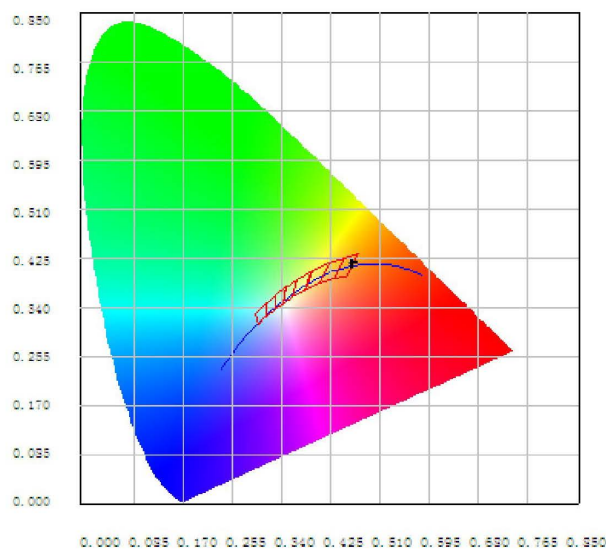
R1: 80.3 R2: 91.2 R3: 95.7

R4: 81.0 R5: 81.7 R6: 91.8

R7: 80.8 R8: 55.6 R9: 4.3

R10: 81.4 R11: 71.6 R12: 72.9

R13: 82.6 R14: 98.2 R15: 71.1



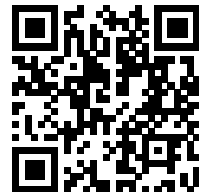
Electrical parameters

Flux: 335.708 lm P: 84.137 lm/w P: 1042.69 mw

I: 18.0 mA V: 231.70 V P: 3.990 w PF: 0.9360

Memo:

Model placed on the Union market from 08/04/2022



EPREL registration number: 1228438

<https://eprel.ec.europa.eu/qr/1228438>

Supplier: AS METALL-SERVICE (Importer)

Website: www.ms-belysning.no

Customer care service:

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